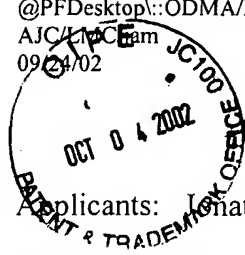


1636



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan S. Bogan and Harvey F. Lodish

Application No.: 10/058,820

Group: 1636

#8

Filed: January 28, 2002

Examiner: Not Assigned

Confirmation No.: 2441

Title: Expression Cloning Method

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on <u>10-1-02</u>	<u>Jane Morgan</u>
Date	Signature
<u>JANE MORGAN</u>	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

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Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)  
Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed. (AA, AR-AZ, AR2-AZ2, AR3-AZ3, AR4-AZ4, AR5-AZ5, AR6-AZ6, AR7-AZ7, AR8-AZ8, AR9-AZ9, AR10-AZ10, AR11-AY11).
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
  - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_  
U.S. Patent Application No. 09/894,297, by Jonathan S. Bogan and Harvey F. Lodish,  
filed June 28, 2001, Docket No.: 0399.1210-005.

\_\_\_\_\_  
U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☒ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.


Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Dated: *October 1, 2002*

[illegible]

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0399.2025-002	APPLICATION NO. 10/058,820
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION September 11, 2002 (Use several sheets if necessary)		APPLICANT Jonathan S. Bogan and Harvey F. Lodish	
		FILING DATE January 28, 2002	GROUP 1636
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AU	Asano, Tomoichiro et al., "Domains Responsible for the Differential Targeting of Glucose Transporter Isoforms," <i>J. Biol. Chem.</i> 267(27): 19636-19641 (1992).		
AV	Baumann, Christian A. et al., "CAP defines a second signalling pathway required for insulin-stimulated glucose transport," <i>Nature</i> 407:202-207 (2000).		
AW	Bogan, Jonathan S. and Lodish, Harvey F., "Two Compartments for Insulin-stimulated Exocytosis in 3T3-L1 Adipocytes Defined by Endogenous ACRP30 and GLUT4," <i>J. Cell Biol.</i> 146(3):609-620 (1999).		
AX	Bogan, J. S. et al., "A Novel Assay Indicates that the GLUT4 Recycling Pathway is Not Cell-Type Specific," The American Society for Cell Biology Thirty-Eighth Annual Meeting, L65 (1998).		
AY	Burnett, Patrick E. et al., "RAFT1 phosphorylation of the translational regulators p70 S6 kinase and 4E-BP1," <i>Proc. Natl. Acad. Sci. USA</i> 95:1432-1437 (1998).		
AZ	Calderhead, David M. et al., "Insulin Regulation of the Two Glucose Transporters in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 265(23):13800-13808 (1990).		
AR2	Charron, Maureen J. et al., "GLUT4 Gene Regulation and Manipulation," <i>J. Biol. Chem.</i> 274:3253-3256 (1999).		
AS2	Clark, Avril E. et al., "Determination of the rates of appearance and loss of glucose transporters at the cell surface of rat adipose cells," <i>Biochem. J.</i> 278:235-241 (1991).		
AT2	Cushman, Samuel W., and Wardzala, Lawrence J., "Potential Mechanism of Insulin Action of Glucose Transport in the isolated Rat Adipose Cell," <i>J. Biol. Chem.</i> 255(10):4758-4762 (1980).		
AU2	Czech, Michael P and Corvera, Silvia, "Signaling Mechanisms That Regulate Glucose Transport," <i>J. Biol. Chem.</i> 274(4):1865-1868 (1999).		
AV2	Czech, Michael P. et al., "Exofacial Epitope-tagged Glucose Transporter Chimeras Reveal COOH-Terminal Sequences Governing Cellular Localization," <i>J. Cell Biol.</i> 123(1):127-135 (1993).		
AW2	Dobson, Stephen P. et al., "Dynamics of insulin-stimulated translocation of GLUT4 in single living cells visualised using green fluorescent protein," <i>FEBS Letters</i> 393:179-184 (1996).		
AX2	El-Jack, Amr K. et al., "The Formation of an Insulin-responsive Vesicular Cargo Compartment Is an Early Event in 3T3-L1 Adipocyte Differentiation," <i>Molecular Bio. Of the Cell</i> 10:1581-1594 (1999).		
AY2	Filippis, Anthony et al., "Possible role for gp160 in constitutive but not insulin-stimulated GLUT4 trafficking:dissociation of gp160 and GLUT4 localization," <i>Biochem. J.</i> 330:405-411 (1998).		
EXAMINER		DATE CONSIDERED	

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OCT 08 2002

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AZ2	Fingar, Diane C. et al., "Dissociation of pp70 Ribosomal Protein S6 Kinase from Insulin-stimulated Glucose Transport in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 268(4):3005-3008 (1993).		
AR3	Frost, Susan C. and Lane, M. Daniel, "Evidence for the Involvement of Vicinal Sulfhydryl Groups in Insulin-activated Hexose Transport by 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 260(5):2646-2652 (1985).		
AS3	Garza, Luis A. and Birnbaum, Morris J., "Insulin-responsive Aminopeptidase Trafficking in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 275(4):2560-2567 (2000).		
AT3	Gros, Jerome et al., "Expression of human $\beta$ 3-adrenergic receptor induces adipocyte-like features in CHO/K1 fibroblasts," <i>J. Cell Science</i> 112:3791-3797 (1999).		
AU3	Gustavsson, Johanna et al., "Insulin-Stimulated Glucose Uptake Involves the Transition of Glucose Transporters to a Caveolae-Rich Fraction within the Plasma Membrane: Implications for Type II Diabetes," <i>Molecular Medicine</i> 2(3):367-372 (1996).		
AV3	Haney, Peter M. et al., "Intracellular Targeting of the Insulin-regulatable Glucose Transporter (GLUT4) Is Isoform Specific and Independent of Cell Type," <i>J. Cell Biol.</i> 114(4):689-699 (1991).		
AW3	Hara, Kenta et al., "Amino Acid Sufficiency and mTOR Regulate p70 S6 Kinase and eIF-4E BP1 through a Common Effector Mechanism," <i>J. Biol. Chem.</i> 273(23):14484-14494 (1998). Additions and Corrections included.		
AX3	Hartman, Matthew E. et al., "FRAP-Dependent Serine Phosphorylation of IRS-1 Inhibits IRS-1 Tyrosine Phosphorylation," <i>Biochemical and Biophysical Research Communications</i> 280(3):776-781 (2001).		
AY3	Haruta, Tetsuro et al., "A Rapamycin-Sensitive Pathway Down-Regulates Insulin Signaling via Phosphorylation and Proteasomal Degradation of Insulin Receptor Substrate-1," <i>Mol. Endo.</i> 14(6):783-794 (2000).		
AZ3	Hashiramoto, Mitsuru and James, David E., "Characterization of Insulin-Responsive GLUT4 Storage Vesicles Isolated from 3T3-L1 Adipocytes," <i>Molecular and Cellular Biology</i> 20(1):416-427 (2000).		
AR4	Hausdorff, Sharon F. et al., "Identification of Wortmannin-sensitive Targets in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 274(35):24677-24684 (1999).		
AS4	Herman, Gary A. et al., "A distinct class of intracellular storage vesicles, identified by expression of the glucose transporter GLUT4," <i>Proc. Natl. Acad. Sci. USA</i> 91:12750-12754 (1994).		
AT4	Holman, Geoffrey D., et al., "Insulin-stimulated GLUT4 Glucose Transporter Recycling," <i>J. Biol. Chem.</i> 269(26):17516-17524 (1994).		
AU4	Holman, Geoffrey D., et al., "Cell Surface Labeling of Glucose Transporter Isoform GLUT4 by Bis-mannose Photolabel," <i>J. Biol. Chem.</i> 265(30):18172-18179 (1990).		
EXAMINER		DATE CONSIDERED	

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PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0399.2025-002	APPLICATION NO. 10/058,820
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AV4	Holman, Geoffrey and Cushman, Samuel W., "Subcellular trafficking of GLUT4 in insulin target cells," <i>Cell &amp; Dev. Biol.</i> 7:259-268 (1996).		
AW4	Hudson, Amy W. et al., "Targeting of the "Insulin-responsive" Glucose Transporter (GLUT4) to the Regulated Secretary Pathway in PC12 Cells," <i>J. Cell Biol.</i> 122(3):579-588 (1993).		
AX4	Hudson, Amy W. et al., "Isoform-specific Subcellular Targeting of Glucose Transporters in Mouse Fibroblasts," <i>J. Cell Biol.</i> 116(3):785-797 (1992).		
AY4	Ishii, Kazuo et al., "Possible domains responsible for intracellular targeting and insulin-dependent translocation of glucose transporter type 4," <i>Biochem. J.</i> 309:813-823 (1995).		
AZ4	Jhun, Byung H. et al., "Effects of Insulin on Steady State Kinetics of GLUT4 Subcellular Distribution in Rat Adipocytes," <i>J. Biol. Chem.</i> 267(25):17710-17715 (1992).		
AR5	Johnson, Amy O. et al., "Identification of an Insulin-responsive, Slow Endocytic Recycling Mechanism in Chinese Hamster Ovary Cells," <i>J. Biol. Chem.</i> 273(28):17968-17977 (1998).		
AS5	Kanai, Fumihiko et al., "Direct Demonstration of Insulin-induced GLUT4 Translocation to the Surface of Intact Cells by Insertion of a c-myc Epitope into an Exofacial GLUT4 Domain," <i>J. Biol. Chem.</i> 268(19):14523-14526 (1993).		
AT5	Kandror, K.V., "Insulin Regulation of Protein Traffic in Rat Adipose Cells," <i>J. Biol. Chem.</i> 274 (36):25210-25217 (1999).		
AU5	Kandror, Konstantin V. et al., "Expression and Compartmentalization of Caveolin in Adipose Cells: Coordinate Regulation with and Structural Segregation from GLUT4," <i>J. Cell Biol.</i> 129(4):999-1006 (1995).		
AV5	Kandror, Konstantin V. and Pilch, Paul F., "Multiple endosomal recycling pathways in rat adipose cells," <i>Biochem. J.</i> 331:829-835 (1998).		
AW5	Karnieli, Eddy et al., "Insulin-stimulated Translocation of Glucose Transport Systems in the Isolated Rat Adipose Cell," <i>J. Biol. Chem.</i> 256(10):4772-4777 (1981).		
AX5	Katagiri, Hideki et al., "Overexpression of Catalytic Subunit p110 $\alpha$ of Phosphatidylinositol 3-Kinase Increases Glucose Transport Activity with Translocation of Glucose Transporters in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> , 271(29):16987-16990 (1996).		
AY5	Kohanski, Ronald A. et al., "Insulin-dependent Phosphorylation of the Insulin Receptor-Protein Kinase and Activation of Glucose Transport in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 261(26):12272-12281 (1986).		
EXAMINER		DATE CONSIDERED	RECEIVED OCT 08 2002

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AZ5	Kuroda, Masao et al., "Regulation of Insulin-stimulated Glucose Transport in the Isolated Rat Adipocyte," <i>J. Biol. Chem.</i> 262(1):245-253 (1987).		
AR6	Lampson, Michael A. et al., "Demonstration of insulin-responsive trafficking of GLUT4 and vpTR in fibroblasts," <i>J. Cell Sci.</i> 113:4065-4076 (2000).		
AS6	Lee, Wan et al., "Separation and Partial Characterization of Three Distinct Intracellular GLUT4 Compartments in Rat Adipocytes," <i>J. Biol. Chem.</i> 274(53):37755-37762 (1999).		
AT6	Lee, Wan et al., "Modulation of GLUT4 and GLUT1 Recycling by Insulin in Rat Adipocytes: Kinetic Analysis Based on the Involvement of Multiple Intracellular Compartments," <i>Biochemistry</i> 39:9358-9366 (2000).		
AU6	Livingstone, Callum et al., "Compartment ablation analysis of the insulin-responsive glucose transporter (GLUT4) in 3T3-L1 adipocytes," <i>Biochem. J.</i> 315:487-495 (1996).		
AV6	Macaulay, S. Lance et al., "Functional studies in 3T3L1 cells support a role for SNARE proteins in insulin stimulin of GLUT4 translocation," <i>Biochem J.</i> 324:217-224 (1997).		
AW6	Malide, Daniela et al., "Immunocytochemical Evidence that GLUT4 Resides in a Specialized Translocation Post-endosomal VAMP2-positive compartment in Rat Adipose Cells in the Absence of Insulin," <i>J. Histochem. Cytochem.</i> 45(8):1083-1096 (1997).		
AX6	Malide, Daniela et al., "Vp165 and GLUT4 share similar vesicle pools along their trafficking pathways in rat adipose cells," <i>FEBS Letters</i> 409:461-468 (1997).		
AY6	Malide, Daniela et al., "Morphological effects of wortmannin on the endosomal system and GLUT4-containing compartments in rat adipose cells," <i>J. Cell Sci.</i> 110:2795-2806 (1997).		
AZ6	Marsh, Brad J. et al., "Molecular Regulation of GLUT-4 Targeting in 3T3-L1 Adipocytes," <i>J. Cell Biol.</i> 130(5):1081-1091 (1995).		
AR7	Martin, Sally et al., "The glucose transporter GLUT4 and the aminopeptidase vp165 colocalise in tubulo-vesicular elements in adipocytes and cardiomyocytes," <i>J. Cell Sci.</i> 110:2281-2291 (1997).		
AS7	Martin, Sally et al., "Effects of insulin on intracellular GLUT4 vesicles in adipocytes:evidence for a secretory mode of regulation," <i>J. Cell Sci.</i> , 113:3427-3438 (2000).		
AT7	Oatey, Paru B. et al., "GLUT4 vesicle dynamics in living 3T3 L1 adipocytes visualized with green-fluorescent protein," <i>Biochem J.</i> 327:637-642 (1997).		
AU7	Parekh, Davey et al., "Mammalian TOR Controls One of Two Kinase Pathways Acting upon nPKCδ and nPKCε," <i>J. Biol. Chem.</i> 274(49):34758-34765 (1999).		
EXAMINER		DATE CONSIDERED  RECEIVED OCT 08 2002	



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AV7	Patki, Varsha et al., "Insulin Action on GLUT4 Traffic Visualized in Single 3T3-L1 Adipocytes by Using Ultra-fast Microscopy," <i>Mol. Biol. Of the Cell</i> 12:129-141 (2001).		
AW7	Patti, Mary-Elizabeth et al., "Bidirectional Modulation of Insulin Action by Amino Acids," <i>J. Clin. Invest.</i> 101(7):1519-1529 (1998).		
AX7	Pederson, Terry M. et al., "Serine/Threonine Phosphorylation of IRS-1 Triggers Its Degradation," <i>Diabetes</i> 50:24-31 (2001).		
AY7	Pessin, Jeffrey E. et al., "Molecular Basis of Insulin-stimulated GLUT4 Vesicle Trafficking," <i>J. Biol. Chem.</i> 274(5):2593-2596 (1999).		
AZ7	Piper, Robert C. et al., "Differential sorting of two glucose transporters expressed in insulin-sensitive cells," <i>Am. J. Physiol.</i> 260(29):C570-C580 (1991).		
AR8	Quon, Michael J. et al., "Tyrosine kinase-deficient mutant human insulin receptors (Met <sup>1153</sup> - Ile) overexpressed in transfected rat adipose cells fail to mediate translocation of epitope-tagged GLUT4," <i>Proc. Natl. Acad. Sci. USA</i> 91:55887-5591 (1994).		
AS8	Ramm, Georg et al., "Insulin Recruits GLUT4 from Specialized VAMP2-carrying Vesicles as well as from the Dynamic Endosomal/Trans-Golgi Network in Rat Adipocytes," <i>Molecular Biol. Cell</i> 11:4079-4091 (2000).		
AT8	Rea, Shane and James, David E., "The Biogenesis and Trafficking of GLUT4 Storage Vesicles," <i>Diabetes</i> 46:1667-1677 (1997).		
AU8	Reed, Brent C. and Lane, M. Daniel, "Insulin receptor synthesis and turnover in differentiating 3T3-L1 preadipocytes," <i>Proc. Natl. Acad. Sci. USA</i> 77(1):285-289 (1980).		
AV8	Robinson, Linda J. et al., "Translocation of the Glucose Transporter (GLUT4) to the Cell Surface in Permeabilized 3T3-L1 Adipocytes: Effects of ATP, Insulin, and GTPγS and Localization of GLUT4 to Clathrin Lattices," <i>J. Cell Biol.</i> 117(6):1181-1196 (1992).		
AW8	Roques, Marina and Vidal, Hubert, "A Phosphatidylinositol 3-Kinase/p70 Ribosomal S6 Protein Kinase Pathway Is Required for the Regulation by Insulin of the p85α Regulatory Subunit of Phosphatidylinositol 3-Kinase Gene Expression in Human Muscle Cells," <i>J. Biol. Chem.</i> 274(48):34005-34010 (1999).		
AX8	Ross, Stuart A. et al., "Increased intracellular sequestration of the insulin-regulated aminopeptidase upon differentiation of 3T3-L1 cells," <i>Biochem J.</i> 330:1003-1008 (1998).		
AY8	Ross, Stuart A. et al., "Characterization of the Insulin-regulated Membrane Aminopeptidase in 3T3-L1 Adipocytes," <i>J. Biol. Chem.</i> 271(6):3328-3332 (1996).		
EXAMINER		DATE CONSIDERED	

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OCT 08 2002

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AZ8	Ross, Stuart A. et al., "Trafficking Kinetics of the Insulin-Regulated Membrane Aminopeptidase in 3T3-L1 Adipocytes," <i>Biochem. Biophys. Res. Comm.</i> 239:247-251 (1997).		
AR9	Saltiel, Alan R., "New Perspectives into the Molecular Pathogenesis and Treatment of Type 2 Diabetes," <i>Cell</i> 104:517-529 (2001).		
AS9	Satoh, Shinobu et al., "Use of Bismannose Photolabel to Elucidate Insulin-regulated GLUT4 Subcellular Trafficking Kinetics in Rat Adipose Cells," <i>J. Biol. Chem.</i> 268(24):17820-17829 (1993).		
AT9	Scherer, Philipp E. et al., "A Novel Serum Protein Similar to Clq, Produced Exclusively in Adipocytes," <i>J. Biol. Chem.</i> 270(45):26746-26749 (1995).		
AU9	Scherer, Philipp E. et al., "Induction of Caveolin during Adipogenesis and Association of GLUT4 with Caveolin-rich Vesicles," <i>J. Cell Biol.</i> 127(5):1233-1243 (1994).		
AV9	Schmelzle, Tobias and Hall, Michael N., "TOR, a Central Controller of Cell Growth," <i>Cell</i> 103:253-262 (2000).		
AW9	Schürmann, Annette et al., "Subcellular distribution and activity of glucose transporter isoforms GLUT1 and GLUT4 transiently expressed in COS-7 cells," <i>Biochimica et Biophysica Acta</i> 1131:245-252 (1992).		
AX9	Scott, Pamela H. et al., "Evidence of insulin-stimulated phosphorylation and activation of the mammalian target of rapamycin mediated by a protein kinase B signaling pathway," <i>Proc. Natl. Acad. Sci. USA</i> 95:7772-7777 (1998).		
AY9	Shapiro, Lawrence and Scherer, Philipp E., "The crystal structure of a complement-1q family protein suggests an evolutionary link to tumor necrosis factor," <i>Current Biol.</i> 8:335-338 (1998).		
AZ9	Shibasaki, Yoshikazu et al., "Two glucose transporter isoforms are sorted differentially and are expressed in distinct cellular compartments," <i>Biochem. J.</i> 281:829-834 (1992).		
AR10	Shigemitsu, Kaori et al., "Regulation of Translational Effectors by Amino Acid and Mammalian Target of Rapamycin Signaling Pathways," <i>J. Biol. Chem.</i> 274(2):1058-1065 (1999).		
AS10	Simpson, Fiona et al., "GLUT4 - At the Cross Roads Between Membrane Trafficking and Signal Transduction," <i>Traffic</i> 2:2-11 (2001).		
AT10	Slot, Jan W. et al., "Translocation of the glucose transporter GLUT4 in cardiac myocytes of the rat," <i>Proc. Natl. Acad. Sci. USA</i> 88:7815-7819 (1991).		
AU10	Slot, Jan W. et al., "Immuno-localization of the Insulin Regulatable Glucose Transporter in Brown Adipose Tissue of the Rat," <i>J. Cell Biol.</i> 113(1):123-135 (1991).		
EXAMINER		DATE CONSIDERED  <div style="text-align: right;"> <b>RECEIVED</b>                      OCT 08 2002                 </div>	

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OTHER DOCUMENTS (Listing Author, Title, Date, Pertinent Pages, Etc.)			
AV10	Smith, Robert M. et al., "Immunoelectron microscopic demonstratin of insulin-stimulated translocatin of glucose transporters to the plasma membrane of isolated rat adipocytes and masking of the carboxyl-terminal epitode of intracellular GLUT4," <i>Proc. Natl. Acad. Sci. USA</i> 88:6893-6897 (1991).		
AW10	Subtil, Agathe et al., "Characterizatin of the Insulin-regulated Endocytic Recycling Mechanism in 3T3-L1 Adipocytes Using a Novel Reporter Molecule," <i>J. Biol. Chem.</i> 275(7):4787-4795 (2000).		
AX10	Sumitani, Satoru et al., "Insulin Regulation and Selective Segregatin with Glucose Transporter-4 of the Membrane Aminopeptidase vp165 in Rat Skeletal Muscle Cells," <i>Endocrinology</i> 138(3):1029-1034 (1997).		
AY10	Suzuki, Kazuo and Kono, Tetsuro, "Evidence that insulin causes translocation of glucose transport activity to the plasma membrane from an intracellular storage site," <i>Proc. Natl. Acad. Sci. USA</i> 77(5):2542-2545 (1980).		
AZ10	Thurmond, Debbie C. et al., "Regulation of Insulin-stimulated GLUT4 Translocation by Munc18c in 3T3L1 Adipocytes," <i>J. Biol. Chem.</i> 273(50):33876-33883 (1998).		
AR11	Todaka, Mikio et al., "Roles of insulin, guanosine 5'-[γ-thio]triphosphate and phorbol 12-myristate 13-acetate in signalling pathways of GLUT4 translocation," <i>Biochem J.</i> 315:875-882 (1996).		
AS11	Vannucci, Susan J. et al., "Cell surface accessibility of GLUT4 glucose transporters in insulin-stimulated rat adipose cells," <i>Biochem. J.</i> 288:325-330 (1992).		
AT11	Verhey, Kristen J. et al., "Identification of the Carboxy Terminus As Important for the Isoform-specific Subcellular Targeting of Glucose Transporter Proteins," <i>J. Cell Biol.</i> 123(1):137-147 (1992).		
AU11	Wei, Maria L. et al., "GLUT4 and Transferrin Receptor Are Differentially Sorted Along the Endocytic Pathway in CHO Cells," <i>J. Cell Biol.</i> 140(3):565-575 (1998).		
AV11	Yang, Jing and Holman, Geoffrey D., "Comparison of GLUT4 and GLUT1 Subcellular Trafficking in Basal and Insulin-stimulated 3T3-L1 Cells," <i>J. Biol. Chem.</i> 268(7):4600-4603 (1993).		
AW11	Yang, Jing et al., "Trafficking of glucose transporters in 3T3-L1 cells," <i>Biochem. J.</i> 81:809-817 (1992).		
AX11	Yeh, Jih-I et al., "Kinetic Analysis of Glucose Transporter Trafficking in Fibroblasts and Adipocytes," <i>Biochemistry</i> 34:15523-15531 (1995).		
AY11	Ziegler, W.H. et al., "Rapamycin-sensitive phosphorylatin of PKC on a carboxy-terminal site by an atypical PKS complex," <i>Current Biology</i> 9:522-529 (1999).		
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